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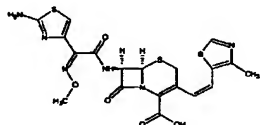
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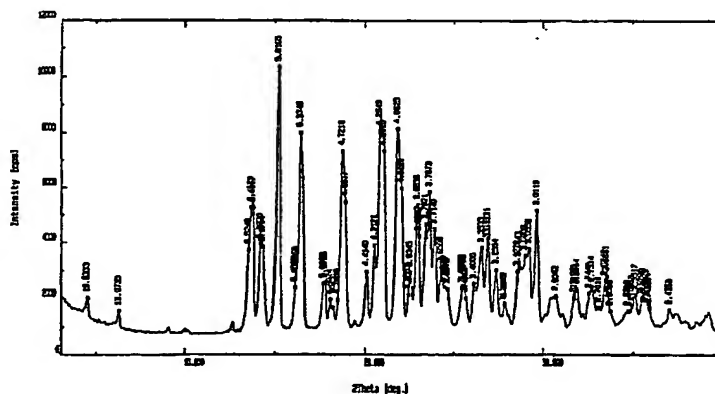
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| <p><b>(51) International Patent Classification<sup>7</sup>:</b> C07D 501/00, A61K 31/545</p> <p><b>(21) International Application Number:</b> PCT/IB2004/002648</p> <p><b>(22) International Filing Date:</b> 13 August 2004 (13.08.2004)</p> <p><b>(25) Filing Language:</b> English</p> <p><b>(26) Publication Language:</b> English</p> <p><b>(30) Priority Data:</b><br/>1004/DEL/2003      14 August 2003 (14.08.2003)      IN</p> <p><b>(71) Applicant (for all designated States except US):</b> RAN-BAXY LABORATORIES LIMITED [IN/IN]; 19, Nehru Place, New Delhi, Delhi 110019 (IN).</p> <p><b>(71) Applicant and</b></p> <p><b>(72) Inventor:</b> PRASAD, Mohan [IN/IN]; House No. P-3/3, Phase - II, DLF Qutab Enclave, Gurgaon, Haryana 122001 (IN).</p> | <p><b>(72) Inventors; and</b></p> <p><b>(75) Inventors/Applicants (for US only):</b> KUMAR, Yatendra [IN/IN]; U-26/5, Phase - III, DLF Qutab Enclave, Gurgaon, Haryana 122001 (IN). SINGH, Kapta [IN/IN]; Flat No. B-02, Saket Enclave, Rajendra Nagar, Sahibabad, Ghaziabad, Uttar Pradesh 201005 (IN). PRASAD, Ashok [IN/IN]; 147/9, Dr. Gupta's Flats, Kishangarh, Vasant Kunj, New Delhi, Delhi 110070 (IN). RICHHARIYA, Santosh [IN/IN]; House No. 26, Ganesh Ward, Bina District, Sagar, Madhya Pradesh 470002 (IN).</p> <p><b>(74) Common Representative:</b> RANBAXY LABORATORIES LIMITED; c/o DESHMUKH, Jay, R., 600 College Road East, Suite 2100, Princeton, NJ 08540 (US).</p> <p><b>(81) Designated States (unless otherwise indicated, for every kind of national protection available):</b> AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MY, SZ, SA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM,</p> |
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**(54) Title: PROCESS FOR SELECTIVE PREPARATION OF Z-ISOMER OF CEFDITOREN AND PHARMACEUTICALLY ACCEPTABLE SALTS AND ESTERS THEREOF**



(1)



**(57) Abstract:** The present invention relates to a selective process for preparation of Z-isomer of cefditoren of Formula I and pharmaceutically acceptable salts and esters thereof. cefditoren possesses a wide spectrum of antibacterial activity against Gram-positive and Gram-negative bacteria.

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